SHEET 1 OF 1 INFORMATION DISCLOSURE ATTY, DOCKET NO. SERIAL NO. 50212-514 10/615,389 CITATION IN AN APPLICATION APPLICANT Motoki KAKUI, et al. FILING DATE GROUP (PTO-1449) July 09, 2003 3663 **U.S. PATENT DOCUMENTS EXAMINER'S** Document Number **Publication Date** Name of Patentee or Applicant of Cited Pages, Columns, Lines, Where Relevant Passages or Relevant INITIALS MM-DD-YYYY Document CITE Number-Kind Codes (# known) NO Figures Appear US FOREIGN PATENT DOCUMENTS **EXAMINER'S** Foreign Patent Document **Publication Date** Name of Patentee or Pages, Columns, Lines Translation INITIALS **Applicant of Cited Document** Country Codes -Number 4 -Kind Codes (if known) CITE MM-DD-YYYY Where Relevant NO. Figures Appear Yes No JP 11-317561 with English 11/16/1999 Asahi Glass Co. Ltd. abstract JP 2001-144358 with English 05/25/2001 Asahi Glass Co. Ltd. abstract JP 2001-102661 with English 04/13/2001 Asahi Glass Co. Ltd. abstract JP 2002-048935 with English 02/15/2002 Asahi Glass Co. Ltd. abstract OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, **EXAMIN** ER'S CITE symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. INITIALS NO. "Fabrication of Bl<sub>2</sub>O<sub>3</sub>-based Er-doped waveguide for integrated optical amplifiers" OFC 2002, Tuesday Morining, pp. 11-12 "Highly-nonlinear Bismuth Oxide-based glass fibers for all-optical signal processing" OFC 2002, Thurthday Afternoon, pp 567-568 Broad-band 1.5 um emission of Er3+ ions in bismuth -based oxide glasses for potential WDM amplifier S> Tanabe, et al., Journal of Luminescience 87-89 (2000), pp 670-672 Broadband 1.5um Emission of Er3 lons in Bismuth-based Oxide Glasses for WDM Amplifier Naoki SUGIMOTO, LEOS 99, pp. 814-815 Fusion Spliceable and High Efficient Bl<sub>2</sub>O<sub>3</sub>-based EDF for Short-length and Broadband Application Pumped at 1480 nm. Yutaka KUROIWA, OAA 2001, TUL5-1 "Novel Short-length EDF for C+L Band Amplification" Nacki SUGIMOTO, et al., OAA 2000, PD3-1 - PD 3-3 "Gain-flattened, extended L-band (1570-1620 nm), high power, low noise erbium-doped fiber amplifiers", S Tanaka, et al., OFC 2002, Tech. Dig., Th.J3, pp. 459-461 "Utra-Wideband L-band EDFA Using Phosphorus Co-Doped Silica-Fiber" OFC 2002, Tech. Dig., ThJ3, pp. 458 Optical Amplification over Extended I-band Employing Silica-Based P/A1 Codoped EDF\*, Kakul, et al., The 2002 IEICE General Conference C-3-28(with English Translation) Silica based erbium doped fiber extending the L-band to 1620+ nm\* IP. Byrlel, et al., Ecoc 2001, Tu. L. 3.5, pg 232-233 "Extending the L-band to 1620 nm Using MCS Fiber", A.J.E. Ellison, et al., TuA2-1 - 3, OFC2001 Broadband Amplification Characteristics of Tellurite-Based EDF As\*, A. Mori, et al, Tech. Dig., p. 135, ECOC 1997

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| 1/ -1  |             |  |   |                                | APPLICANT<br>Motoki KAKUI, et a                    | APPLICANT<br>Motoki KAKUI, et al.                         |   |             |    |  |
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